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\	ct of 1995, no person			d Trad	PTO/SB/21 (09-04) proved for use through 07/31/2006. OMB 0651-0031 lemark Office: U.S. DEPARTMENT OF COMMERCE formation unless it displays a valid OMB control number.		
TRANSMITTAL		Application Number			10/695,578		
TAKANSIVII I AL	- '	Filing Date			October 27, 2003		
FORM	!	First Named Invento	or		Scott A. Waldman		
	,	Art Unit	_		To Be Determined		
(to be used for all correspondence after i	initial filing)	Examiner Name			To Be Determined		
Total Number of Pages in This Submissi	Attorney Docket Nu	mbe	r	TJU0006-101 (WAL_SCO_005)			
	ENCLOSURES (check all that apply)						
Fee Transmittal Form	☐ Drawing(s	;)			ofter Allowance Communication to TC		
Fee Attached	Licensing	-related Papers			appeal Communication to Board of Appeals and Interferences		
Amendment / Reply	Petition				Appeal Communication to TC Appeal Notice, Brief, Reply Brief)		
After Final		Petition to Convert to a Provisional Application			Proprietary Information		
Affidavits/declaration(s)		Power of Attorney, Revocation Change of Correspondence			Status Letter		
Extension of Time Request	Terminal (Disclaimer		Other Enclosure(s) (please identify below):			
Express Abandonment Request		for Refund ber of CD(s)			ion Sheets (6 pp); (49) References Cited, (4) rences Enclosed.		
Information Disclosure Statement		ndscape Table on CD			•		
Certified Copy of Priority Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR1.52 or 1.53							
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Signature	Un Do						
Printed Name	Mark DeLuca						
Date	May 4, 2005 Reg. No. 33,229						
	CERTIFICA	TE OF TRANSMISSI	ON/	MAII	LING		
I hereby certify that this corresponden Service with sufficient postage as fir Alexandria, VA 22313-1450 on the date	rst class mail in	in an envelope address	∍ US sed	PTO to: C	or deposited with the United States Postal commissioner for Patents, P.O. Box 1450,		

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date

Signature

Typed or printed name



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Scott A. Waldman

Serial No.: 10/695,578 Group Art Unit: To Be Determined

Filing Date: October 27, 2003 Examiner: To Be Determined

For: Metastic Colorectal Cancer Vaccine

EXPRESS MAIL INFORMATION

Express Mail Label No: EV 536020062 US

Date Of Deposit: May 4, 2005

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§ 1.56 and in accordance with 37 C.F.R. §§ 1.97 and 1.98, information relating to the above-identified application is hereby disclosed, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO Forms SB/08a and SB/08b, including copies of PTO Forms 1449 submitted herewith.

Inclusion of the information submitted herewith is not to be construed as an admission that the information is material as that term is defined in 37 C.F.R. § 1.56(b).

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

This I	nformation Disclosure Statement is being filed:
	within three months of the filing date of the patent application.
	within three months of the date of entry into the national stage as set forth in 37 C.F.R. § 1.491 of the international application.
\boxtimes	before the mailing date of a first Office Action on the merits.
	after the mailing date of a first Office Action on the merits, but before the
	mailing date of a Final Office Action under 37 C.F.R. § 1.116 or a Notice of
	Allowance under 37 C.F.R. § 1.311, and accordingly is accompanied by:

the Statement under 37 C.F.R. § 1.97(e) (see "Statement" below);

or the Fee of \$180.00 set forth in 37 C.F.R. § 1.17(p); or No fee is owed by the applicant(s). In accordance with 37 C.F.R. § 1.129(a), this Information Disclosure Statement is being filed in connection with \(\square\$ the first or \(\square\$ second After Final Submission, and accordingly is accompanied by the Statement under 37 C.F.R. § 1.97(e) (see "Statement" below) and the fee of \$180.00 as set forth in 37 C.F.R. § 1.17(p), is attached. П after the mailing date of a Final Office Action under 37 C.F.R. § 1.116 or a Notice of Allowance under 37 C.F.R. § 1.311, but before the payment of the Issue Fee, and accordingly is accompanied by the Statement under 37 C.F.R. § 1.97(e), (see "Statement," and "Fees" below). \boxtimes Copies of the references BI, BO, BP and BT listed on the attached PTO Forms SB/08a and SB/08b, formerly known as PTO Form 1449 are enclosed. **EXCEPT THAT:** In view of the voluminous nature of reference @@, and the likelihood that this reference is available to the Examiner, copies are not enclosed herewith. \boxtimes In accordance with 37 C.F.R. § 1.98(d), copies of the remaining references listed on the attached PTO Form SB/08A and PTO Form SB/08B, formerly known as PTO Form 1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) Serial No. 09/180,237 for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application. If any of the foregoing publications are not available to the Examiner,

Applicant will endeavor to supply copies at the Examiner's request.

Statement under 37 C.F.R. § 1.97(e)					
	The undersigned attorney hereby states that each item information contained				
	in the Information Disclosure Statement was cited in a communication from a				
	foreign patent office in a counterpart foreign patent application not more than				
	three months prior to the filing of the Information Disclosure Statement.				

Fees

\boxtimes	No	Fee	is	owed	by	the	appl	licant	(s).
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 \Box The Information Disclosure Statement Fee of \$180.00 under 37 C.F.R. § 1.17(p) is enclosed herewith.

Method of Payment of Fees

Attached is a check in the amount of \$	This form is
submitted in duplicate.	•

- Charge Deposit Account No. 50-1275 in the amount of \$180.00. This form is submitted in duplicate.
- \boxtimes Please charge any deficiency or credit any overpayment to Deposit Account 50-1275.
- \boxtimes No fee or Statement is required under 37 C.F.R. § 1.97(b) as Applicant has not yet received an Office Action on the merits.

Respectfully submitted,

Mark DeLuca

Registration No. 33,229

Dated: May 4, 2005

COZEN O'CONNOR, P.C. 1900 Market Street, 5th Floor Philadelphia, PA 19103-3508 (215) 665-2000 - Telephone (215) 701-2013 - Facsimile

Docket No.	Cominal Nice			
TJU0006-101	Serial No. 10/695,578			
Applicant	Applicant			
Scott A. Waldr	nan et al.			
Filing Date 10/27/2003	Group To Be Determined			
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	ceptor activity by a human			
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	Patent	and Trademark Offic	ce	10/27/2003	To Be D	etermined
		U. S	S. PATENT DO	OCUMENTS		<u> </u>
Examiner nitial		Document No.	Date	Name	Class	Subclass
	AL	4,022,878	05/10/77	Gross	424	1.5
	AM	4,329,281	05/11/82	Christenson et al.	260	112 B
	AN	4,526,716	07/02/85	Stevens	260	112.5 R
	AO	4,736,866	04/12/88	Leder et al.	800	1
	AP	4,873,191	10/10/89	Wagner et al.	435	172.3
	AQ	4,945,050	07/31/90	Sanford et al.	435	172.1
	AR	5,017,487	05/21/91	Stunnenberg et al.	435	172.3
	AS	5,037,645	08/06/91	Strahilevitz	424	85.8
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	AV	5,518,888	05/21/96	Waldman	435	7.23
	AW	5,601,990	02/11/97	Waldman	435	7.23
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	AA	5,518,888	5/21/96	Waldman et al.	435	7.23	
	AB	5,601,990	2/11/97	Waldman et al.	435	7.23	
	AC	5,731,159	3/24/98	Waldman et al.	435	7.23	
	AD	5,879,656	3/9/99	Waldman et al.	424	149	
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Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449APTE Complete if Known Application Number 10/695,578 INFORMATION DISCLOSURE October 27, 2003 Filing Date STATEMENT BY APPLICANT First Named Inventor Scott A. Waldman Art Unit To Be Determined (Use as many sheets as necessary) Examiner Name To Be Determined Sheet Attorney Docket Number TJU0006-101 (WAL_SCO 005)

	U.S. PATENT DOCUMENTS							
Eveminer	Cito	Document Number	Publication/Issue Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant			
Examiner Cite Initials * No.1	Number - Kind Code ² (if known)	MM-DD-YYYY	Cited Document	Passages or Relevant Figures Appear				
	BA	US-5,273,745	12-1993	Waldman et al.				
	ВВ	US-5,484,596	11-1993	Hanna et al.				
	BC	US-5,237,051	08-1993	Garbers et al.				
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FOREIGN PATENT DOCUMENTS								
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Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (<i>if known</i>)	Date/Filing Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T ⁶		
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Examiner Signature	Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449B/PTO Complete if Known Application Number 10/695,578 INFORMATION DISCLOSURE Filing Date October 27, 2003 STATEMENT BY APPLICANT First Named Inventor Scott A. Waldman Art Unit To Be Determined (Use as many sheets as necessary) Examiner Name To Be Determined Sheet Attorney Docket Number TJU0006-101 (WAL_SCO_005)

-		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	BD	Banchereau et al., "Immune and clinical responses in patient with metastatic melanoma to CD34* progenitor-derived dendritic cell vaccine," Cancer Research (2001) 61:6451-6458.	
	BE	Bellone et al., "Cancer immunotherapy: synthetic and natural peptides in the balance," <i>Immunology Today</i> (1999) 20(10):457-462.	
	BF	Carrithers et al., "Escherichia coli heat-stable toxin receptors in human colonic tumors," Gastroenterology (1994) 107:1653-1661.	
	ВG	Celis et al., "Identification of potential CTL epitopes of tumor-associated antigen MAGE-1 for five common HLA-A alleles," Molecular Immunology (1994) 31(18):1423-1430.	
	ВН	Disis et al., "Peptide-based, but not whole protein, vaccines elicit immunity to HER-2/neu, oncogenic self-protein," J. of Immunology (1996) 156:3151-3158.	
	BI	Foon et al., "Clinical and immune responses in resected colon cancer patients treated with anti- idiotype monoclonal antibody vaccine that mimics the carcinoembryonic antigen," Journal of Clinical Oncology (1999) 17(9):2889-2895.	
	ВЈ	Herbert et al., The Dictionary of Immunology, Academic Press, 4th ed. (1995).	
	BK	Greenspan et al., "Defining epitopes: It's not as easy as it seems," Nature Biotechnology (1999) 7:936-937.	
	BL	Gura "Systems for identifying new drugs are often faulty," Science (1997) 278:1041-1042.	
	ВМ	Mallo et al., "Expression of the Cdx1 and Cdx2 homeotic genes leads to reduced malignancy in colon cancer-derived cells," J. Biological Chemistry (1998) 273(22):14030-14036.	
	BN	Nelson et al., J. Nat'l. Can. Ins. (1996) 88(8):468-488.	

Examiner	Date	1
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449B/PTO				Complete if Known		
INITO		ON DIC	CLOCUDE	Application Number	10/695,578	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			=	Filing Date	October 27, 2003	
			PPLICANT	First Named Inventor	Scott A. Waldman	
				Art Unit	To Be Determined	
(Use as many sheets as necessary)			necessary)	Examiner Name	To Be Determined	
Sheet	6	of	6	Attorney Docket Number	TJU0006-101 (WAL_SCO_005)	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	ВО	Reynolds et al., "Vaccine-induced CD8+ T-cell responses to MAGE-3 correlate with clinical outcome in patients with melanoma," Clinical Cancer Research (2003) 9:657-662.	
	BP	Singh et al., "Isolation and expression of a guanylate cyclase-coupled heat stable enterotoxin receptor cDNA from a human colonic cell line," Biochem. Biophy. Res. Comm. (1991) 179(3):1455-1463.	
	BQ	Smith "Cancer and the immune system," Pediatr Clin North Am. (1994) 41(4) 841-850.	
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	BS	Welzien HU "Renaissance for hapten-specific T lymphocytes: implications for basic and applied research," Z Naturforsch [C] (1992) 47(5-6):323-328.	
,	ВТ	Miller et al., "Improved survival of patients with Melanoma with an antibody response to immunization of a polyvalent melanoma vaccine," Cancer (1995) 75(2):495-502.	
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Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

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